Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 18 Apr 2022 until 23:59 on Tuesday 19 Apr 2022

Forecast Issued on Monday 18 Apr 2022 at 05:06

Confidence: High confidence for the start of the week, moderate confidence for high pressure developing during the week but low confidence in details.

Headline for Monday 18 Apr 2022: Sunny spells developing after a cloudy start. Risk of the odd shower later.

Mountain weather hazards on Monday 18 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	10%	10%	20%	10%	<05%

Forecast for Monday 18 Apr 2022

Weather: A cloudy start, with some low cloud and mistiness around summits, and patchy light rain possible at first. Cloud will soon lift and break to be clear of the summits, with sunny spells developing widely by late-morning. Chance of a few slow-moving rain showers later, mostly across western peaks. Skies clearing into the evening. Temperatures slightly cooler than previous days, feeling chilly in the early morning.

Chance of cloud-free hill tops above 600m: 30% becoming 90% by late-morning and outside of showers.

Low cloud and visibility: Periods of cloud bases around 400-600m initially, lifting and dispersing to be clear of summits by late-morning. Near heavier showers, patchy cloud may lower to around 600m and linger for a few hours and visibility may briefly deteriorate to moderate or poor. Poor visibility as low cloud base 400-600m covers some summits, becoming very good with excellent air quality.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Apr 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SW	15/19 W	10/14 SW	9/13 W	8/11 W	4/8 NW	4/6 N
300	10/14 SW	12/15 SW	8/11 W	7/10 W	5/9 W	3/7 N	3/5 N
Valley	6/12 SW	9/15 W	7/11 W	6/11 W	5/9 NW	4/8 NW	3/6 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	5/0	6/3	7/4	6/4	5/4	5/3
300	6/3	8/4	10/8	10/8	9/8	8/7	7/6
Valley	7/6	9/6	11/10	11/10	10/9	8/7	7/6
Freezing Level*	1100m	1100m	1100m	1200m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A largely fine and dry day with sunny spells. However, moderate UV levels expected so sun protection is recommended. Layers and waterproofs advised for the cooler, cloudy start and the risk of being caught in a shower during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 18 Apr 2022	0mm	0mm	0mm

Forecast for Tuesday 19 Apr 2022

Weather: Fine and bright start in places, but soon clouding over only short-lived sunny intervals in the afternoon. There will be an increasing chance of showers by the afternoon, showers are likely to be slow moving and some may be heavy at times with the odd rumble of thunder.

Maximum wind: Northerly or northeasterly 10-15mph, gusting 20mph

Chance of cloud-free hill tops above 600m: 90% outside of any showers.

Low cloud and visibility: Excellent visibility expected through the day, even with extensive cloud in the afternoon as bases well above summits. Cloud height varying markedly during showers, with patches to below around 600m at times which may persist for a few hours. Very poor where cloud covers summits and moderate or poor in heavier showers.

Temperature: **Valleys:** Plus 6 Celsius increasing to plus 11 Celsius
At 600m: Plus 3 Celsius increasing to plus 9 Celsius
Freezing level: Above summits.

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